

COURSE SCHEDULE

Week	Date	Topic of Lectures	Instructor
1	2012	09 / 20 Life on Earth I - Ch01: Introduction: Themes in the Study of Life Life on Earth II - Ch25: The History of Life on Earth	Li
2		09 / 27 Life on Earth I - Ch01: Introduction: Themes in the Study of Life Life on Earth II - Ch25: The History of Life on Earth	Li
3		10 / 04 Ch02: The Chemical Context of Life Ch03: Water and Life	Chiao
4		10 / 11 Ch04: Carbon and the Molecular Diversity of Life Ch05: The structure and Function of Large Biological Molecules	Chiao
5		10 / 18 Ch06: A Tour of the Cell Ch08: An Introduction to Metabolism	Chiao
6		10 / 25 Ch07: Membrane Structure and Function Ch11: Cell Communication	Chiao
7		11 / 01 Ch09: Cellular Respiration and Fermentation Ch10: Photosynthesis	Chiao
8		11 / 08 Ch12: The Cell Cycle Ch13: Meiosis and Sexual Life Cycles	Chiao
9		11 / 15 Midterm Examination (Ch01-13 & Ch25)	
10		11 / 22 Ch14: Model and the Gene Idea Ch15: The Chromosomal Basis of Inheritance	Chuang
11		11 / 29 Ch16: The Molecular Basis of Inheritance Ch17: From Gene to Protein	Chuang
12		12 / 06 Ch18: Regulation of Gene Expression Ch19: Viruses	Chuang
13		12 / 13 Ch20: Biotechnology	Chuang
14		12 / 20 Ch21: Genomes and Their Evolution	Chuang
15		12 / 27 Ch22: Descent with Modification : A Darwinian View of Life Ch23: The Evolution of Populations	Li
16	2013	01 / 03 Ch24: The origin of Species	Li
17		01 / 10 Ch26: Phylogeny and The Tree of Life	Li
18		01 / 17 Final Examination (Ch14-24 & 26)	